

Fig. 2

402

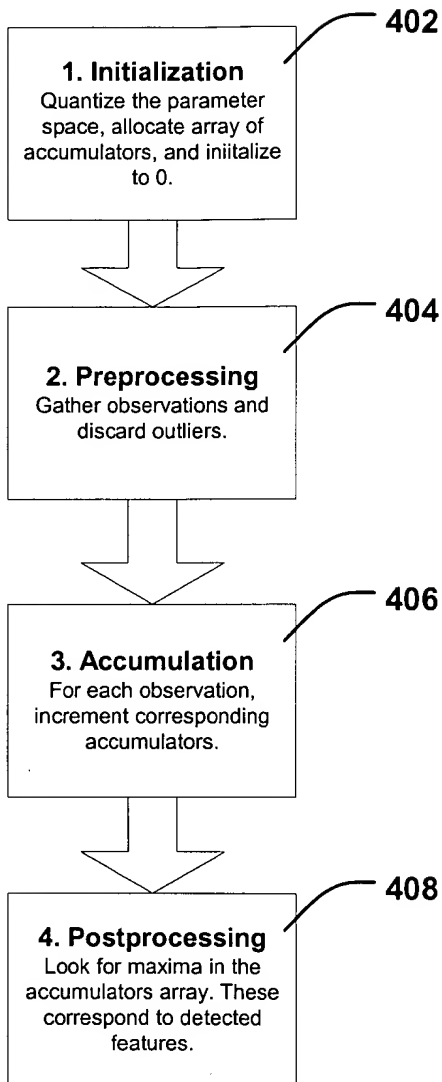


Fig. 3

| | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|
| 10 | 10 | 10 | 10 | 10 | 20 | 20 | 20 | 20 | 20 |
| 10 | 10 | 10 | 10 | 10 | 20 | 20 | 20 | 20 | 20 |
| 10 | 10 | 10 | 10 | 20 | 20 | 20 | 20 | 20 | 20 |
| 10 | 10 | 10 | 10 | 20 | 20 | 20 | 20 | 20 | 20 |
| 10 | 10 | 10 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 10 | 10 | 10 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 10 | 10 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 10 | 10 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 10 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 10 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |

500

Edge

Fig. 4

Horizontal: $\begin{bmatrix} -1 & 0 & 1 \\ -2 & 0 & 2 \\ -1 & 0 & 1 \end{bmatrix}$ Vertical: $\begin{bmatrix} -1 & -2 & -1 \\ 0 & 0 & 0 \\ 1 & 2 & 1 \end{bmatrix}$

502

504

Horizontal: 506

| | | | | | | | |
|----|----|----|----|----|---|---|---|
| 0 | 0 | 10 | 40 | 30 | 0 | 0 | 0 |
| 0 | 0 | 30 | 40 | 10 | 0 | 0 | 0 |
| 0 | 10 | 40 | 30 | 0 | 0 | 0 | 0 |
| 0 | 30 | 40 | 10 | 0 | 0 | 0 | 0 |
| 10 | 40 | 30 | 0 | 0 | 0 | 0 | 0 |
| 30 | 40 | 10 | 0 | 0 | 0 | 0 | 0 |
| 40 | 30 | 0 | 0 | 0 | 0 | 0 | 0 |
| 40 | 10 | 0 | 0 | 0 | 0 | 0 | 0 |

Vertical: 508

| | | | | | | | |
|----|----|----|----|----|---|---|---|
| 0 | 0 | 10 | 20 | 10 | 0 | 0 | 0 |
| 0 | 0 | 10 | 20 | 10 | 0 | 0 | 0 |
| 0 | 10 | 20 | 10 | 0 | 0 | 0 | 0 |
| 0 | 10 | 20 | 10 | 0 | 0 | 0 | 0 |
| 10 | 20 | 10 | 0 | 0 | 0 | 0 | 0 |
| 10 | 20 | 10 | 0 | 0 | 0 | 0 | 0 |
| 20 | 10 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | 10 | 0 | 0 | 0 | 0 | 0 | 0 |

Fig. 5

| | | | | | | | |
|------|------|------|------|------|-----|-----|-----|
| 0.0 | 0.0 | 14.1 | 44.7 | 31.6 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 31.6 | 44.7 | 14.1 | 0.0 | 0.0 | 0.0 |
| 0.0 | 14.1 | 44.7 | 31.6 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 31.6 | 44.7 | 14.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| 14.1 | 44.7 | 31.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 31.6 | 44.7 | 14.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 44.7 | 31.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 44.7 | 14.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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Fig. 6

| <u>X</u> | <u>Y</u> | <u>dX</u> | <u>dY</u> | <u>Mag</u> | <u>Ang</u> | <u>Rho</u> |
|----------|----------|-----------|-----------|------------|------------|------------|
| 3 | 1 | 10 | 10 | 14.1 | 45.0 | 2.83 |
| 4 | 1 | 40 | 20 | 44.7 | 26.6 | 4.02 |
| 5 | 1 | 30 | 10 | 31.6 | 18.4 | 5.06 |
| 3 | 2 | 30 | 10 | 31.6 | 18.4 | 3.48 |
| 4 | 2 | 40 | 20 | 44.7 | 26.6 | 4.47 |
| 5 | 2 | 10 | 10 | 14.1 | 45.0 | 4.95 |
| 2 | 3 | 10 | 10 | 14.1 | 45.0 | 3.54 |
| 3 | 3 | 40 | 20 | 44.7 | 26.6 | 4.02 |
| 4 | 3 | 30 | 10 | 31.6 | 18.4 | 4.74 |
| 2 | 4 | 30 | 10 | 31.6 | 18.4 | 3.16 |
| 3 | 4 | 40 | 20 | 44.7 | 26.6 | 4.47 |
| 4 | 4 | 10 | 10 | 14.1 | 45.0 | 5.66 |
| 1 | 5 | 10 | 10 | 14.1 | 45.0 | 4.24 |
| 2 | 5 | 40 | 20 | 44.7 | 26.6 | 4.02 |
| 3 | 5 | 30 | 10 | 31.6 | 18.4 | 4.43 |
| 1 | 6 | 30 | 10 | 31.6 | 18.4 | 2.85 |
| 2 | 6 | 40 | 20 | 44.7 | 26.6 | 4.47 |
| 3 | 6 | 10 | 10 | 14.1 | 45.0 | 6.36 |
| 1 | 7 | 40 | 20 | 44.7 | 26.6 | 4.02 |
| 2 | 7 | 30 | 10 | 31.6 | 18.4 | 4.11 |
| 1 | 8 | 40 | 20 | 44.7 | 26.6 | 4.47 |
| 2 | 8 | 10 | 10 | 14.1 | 45.0 | 7.07 |

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Fig. 7

| Theta | Rho | | | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 2-2.5 | 2.5-3 | 3-3.5 | 3.5-4 | 4-4.5 | 4.5-5 | 5-5.5 | 5.5-6 | 6-6.5 | 6.5-7 | 7-7.5 | 7.5-8 |
| 0-5 | | | | | | | | | | | | |
| 5-10 | | | | | | | | | | | | |
| 10-15 | | | | | | | | | | | | |
| 15-20 | | 1 | 2 | | 2 | 1 | 1 | | | | | |
| 20-25 | | | | | | | | | | | | |
| 25-30 | | | | | 8 | | | | | | | |
| 30-35 | | | | | | | | | | | | |
| 35-40 | | | | | | | | | | | | |
| 40-45 | | 1 | | 1 | 1 | 1 | | 1 | 1 | | 1 | |

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Fig. 8